

FlowSuite

The Future of Ophthalmic Workflows



A Symphony in Motion.

The Ziemer FlowSuite is a revolutionary software system designed to streamline and optimize ophthalmic workflows in clinics.

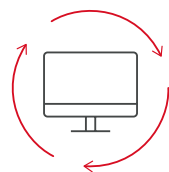
By seamlessly connecting Ziemer diagnostic and surgical devices with a user-friendly interface, the FlowSuite empowers surgeons to deliver exceptional patient care while enhancing overall clinic efficiency.





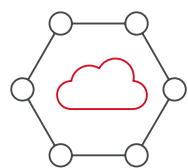
- ✓ Seamless Device Connectivity
- ✓ Centralized Data Management
- ✓ Streamlined Patient Journey
- ✓ Innovative User Interface
- ✓ Advanced Surgery Planning

Technology



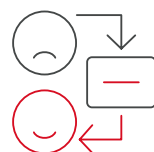
Seamless Device Connectivity

At the heart of Ziemer FlowSuite is its ability to seamlessly connect various Ziemer diagnostic and surgical devices. This connectivity ensures that all devices in the clinic can communicate and share data effectively, creating a comprehensive and integrated workflow. Initially, the FlowSuite supports the Galilei diagnostic device and the FEMTO lasers, with plans for future expansions to include the Ziemer Aquariuz laser.



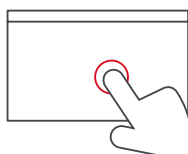
Centralized Data Management

The FlowSuite provides a centralized platform for managing patient data and surgical plans in a Picture Archiving and Communication System (PACS). It utilizes a dedicated database (PostgreSQL) to store user information, enabling centralized user management across all connected devices. This means that patient data, including diagnostic images and treatment plans, are accessible from a single interface, helping to maintain consistency and reducing the risk of errors.



Streamlined Patient Journey

The FlowSuite supports every stage of the patient journey, from registration to post-operative follow-ups. It integrates seamlessly with the clinic's existing IT infrastructure, allowing patients to experience a smooth and efficient process. The system is designed to fit within the established workflow of the clinic, minimizing disruption and maximizing efficiency.



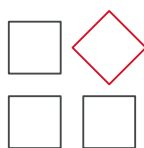
Innovative User Interface

The user interface of the FlowSuite is designed with a focus on simplicity and efficiency. It employs a Kanban-style planning board, which organizes tasks into stages such as "To do," "Scheduled," and "Completed." This non-sequential, visual approach helps clinicians manage tasks and workflows effectively, providing a clear overview of patient progress and treatment stages.



Advanced Surgery Planning

One of the key features of FlowSuite is its advanced surgery planning capabilities. Surgeons can plan procedures directly from their workstation, without the need to access the surgical device (surgical and measurement devices can be offline while planning). The system supports the creation of detailed and personalized surgical plans, which can be easily accessed and reviewed during the procedure.



Current and future Applications

At present, Ziemer FlowSuite is optimized for our CLEAR Lenticule application, focusing on refractive surgery. This is just the beginning – our vision includes future support for additional applications like LASIK and Cataract surgery, expanding the FlowSuite's capabilities and enhancing its value for a broader spectrum of ophthalmic procedures.



Data Security and Compliance

With FlowSuite, data security is paramount. The system uses advanced encryption techniques and compliance with privacy and security regulations, such as HIPAA and GDPR. This ensures that patient information is protected, and that the clinic is in compliance with all regulatory requirements, which builds trust and confidence in the use of the system.

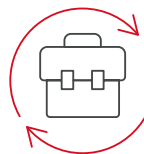


Patient Benefits



Enhanced Safety and Accuracy

The FlowSuite's ability to connect Ziemer diagnostic and surgical devices keeps patient data always up-to-date and accurate. Eliminating the need for manual data entry and potentially reducing the risk of errors. The system unifies all patient data in a central location, allowing surgeons to make informed decisions based on a complete picture.



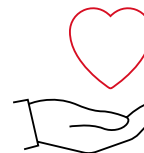
Efficient Clinical Experience

Patients benefit from a more efficient clinical experience with the FlowSuite. The integrated system reduces wait times and allows that each stage of the patient journey, from pre-op screening to post-op evaluation, is handled smoothly and efficiently. This creates a more pleasant and stress-free experience for your patients. Additionally, the streamlined workflow allows clinical staff to focus more on patient care, further enhancing the overall patient experience.



Reduced Time in the Operating Room

With the FlowSuite, surgery planning is faster and more efficient, which translates to less time spent in the operating room. The result? Patients could experience reduced anxiety and enhanced comfort due to shorter procedure times. FlowSuite prioritizes the well-being of your patients by ensuring a smoother surgical journey, every step of the way. The efficiency gained allows surgeons to maintain focus on precision, contributing to superior surgical results.



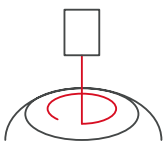
Consistent and High-Quality Care

By providing a centralized and integrated platform for managing patient data, FlowSuite enables that all patients receive consistent and high-quality care. Clinicians have access to comprehensive patient records and treatment plans, enabling them to provide personalized and effective treatment. With real-time data synchronization across all connected devices, FlowSuite ensures that treatment plans are always based on the most current and accurate information, further enhancing the consistency and quality of care.



Improved Post-Operative Follow-Up

FlowSuite streamlines the initial stages of patient care by providing a comprehensive platform for managing pre-operative data and surgical planning. The system's integration and data management capabilities set the stage for future enhancements. By centralizing patient information and treatment details, FlowSuite prepares the groundwork for more efficient follow-up care and facilitates the planning of future improvements in post-operative monitoring.

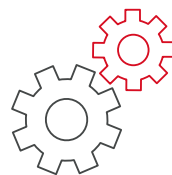


Enhanced Surgical Precision

Imagine a treatment plan tailored specifically to your patients' unique needs. FlowSuite's seamless data exchange between diagnostic devices and surgical lasers supports surgeons in achieving this level of precision, fostering a more predictable and optimized surgical experience for their patients. The continuous flow of accurate data between diagnostic and surgical systems allows for fine-tuning of procedures, resulting in more reliable and predictable surgical outcomes.



FlowSuite Specifications



System Requirements

Operating System:	Microsoft Windows 10 / 11
Processor (CPU):	x64
Memory:	16 GB RAM
Storage:	500 MB
Database:	PostgreSQL with dedicated user database
Display:	Full HD
PACS:	DCM4CHEE or compatible

Connectivity

Supported Devices:	GALILEI, FEMTO (with future support for Ziemer Aquariuz)
Supported Applications:	CLEAR (Lenticule Extraction)
Communication Protocols:	DICOM

Data Management

Database:	Centralized PostgreSQL database
Data Types:	Patient records, diagnostic images, treatment plans

Your Vision Is Our Vision

We strive to empower Ophthalmologists to deliver better vision care to their patients by providing superior surgical and diagnostic tools.

Why Ziemer?

- Trusted – More than 1,600 systems installed worldwide
- High-tech lasers and diagnostics made in Switzerland
- A family-owned company with personal service
- Cutting edge innovation for Ophthalmology



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Disclaimer: The Lenticule extraction application CLEAR is CE-marked but not yet FDA-cleared for use in the United States. For other countries, availability may be restricted due to regulatory requirements. Please contact Ziemer for details.